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# FOREIGN AGRICULTURE CIRCULAR

U.S. DEPARTMENT OF AGRICULTURE  
Foreign Agricultural Service Washington D.C.



U.S. DEPARTMENT OF AGRICULTURE  
FOREIGN AGRICULTURAL SERVICE

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RICE  
FR 1-70  
January 1970

CURRENT STATISTICS

## WORLD RICE CROP FORECAST

### 5 PERCENT ABOVE LAST YEAR

World rice production for 1969-70 (August-July), excluding Communist Asia, is forecast at 195 million metric tons in the first estimate by the Foreign Agricultural Service. This is 5 percent above last year's record crop and is the third consecutive year of increased production.

World acreage in rice is forecast at 244 million acres, less than 1 percent above last year's record. The Asian countries indicate the largest increase, with smaller gains in Africa and Europe. Both North and South America show declines from last year but are still well above their 1963-67 average. Yield per acre also is forecast at a record level, almost 10 percent above the 1963-67 average.

Total production in Asia -- the major producing area -- in 1969-70 is forecast 5 percent over last year's previous high. Four of the five largest producers in Asia-India, Pakistan, Indonesia and Thailand -- all are expecting a record 1969-70 crop. If the anticipated production materializes, it will result mainly from improved yields. The production estimate for Japan, the other main producer, is only 3 percent less than the record crops of the last 2 years.

North American production decreased 14 percent this year. The decline is mainly attributable to reduced acreage and lower yields in the United States and Mexico.

European production was up nearly 19 percent from the previous year's with Italy accounting for most of the increase. The gain of one-third in Italian production was the result of a 10-percent increase in area and larger yields due to better growing conditions.

## RICE ROUGH: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1963-67, ANNUAL 1968 AND 1969 1/

REGION AND COUNTRY	AREA 2/		YIELD		PRODUCTION	
	AVE. 1963-67	1968	1969 3/	AVE. 1963-67	1968	AVE. 1963-67
	1,000 ACRES	1,000 ACRES	1,000 ACRES	LBS/ACRE	LBS/ACRE	1,000 MT
<b>NORTH AMERICA:</b>						
COSTA RICA.....	139	150	105	1,177	1,367	74
CUBA.....	231	220	---	1,527	---	160
DOMINICAN REPUBLIC.....	186	64	---	1,845	1,814	151
EL SALVADOR.....	45	67	67	1,999	2,549	41
GUATEMALA.....	28	36	38	1,465	1,470	1,566
HONDURAS.....	42	49	---	1,501	1,485	---
MEXICO.....	372	472	432	1,982	2,125	1,531
NICARAGUA.....	60	67	---	1,793	2,205	---
PANAMA.....	305	335	---	986	1,053	---
UNITED STATES.....	1,857	2,353	2,130	4,244	4,476	3,233
<b>TOTAL.....</b>	<b>3,259</b>	<b>3,966</b>	<b>3,686</b>	<b>3,090</b>	<b>3,332</b>	<b>4,568</b>
<b>SOUTH AMERICA:</b>						
ARGENTINA.....	154	237	---	3,215	3,209	225
BOLIVIA.....	82	---	---	1,715	---	64
BRAZIL.....	10,653	12,000	---	1,366	1,268	5,600
CHILE.....	77	41	---	2,474	2,420	86
COLOMBIA.....	807	684	647	1,749	2,533	2,453
ECUADOR.....	229	247	---	1,637	1,785	---
GUYANA.....	278	313	275	1,826	1,493	1,684
PARAGUAY.....	40	43	---	1,973	2,051	---
PERU.....	188	198	---	3,738	3,340	36
SURINAM.....	74	---	---	2,806	---	319
URUGUAY.....	67	84	---	2,876	2,992	87
VEZUELA.....	241	311	---	1,738	1,737	94
<b>TOTAL.....</b>	<b>12,891</b>	<b>14,328</b>	<b>14,277</b>	<b>1,495</b>	<b>1,443</b>	<b>8,742</b>
<b>WESTERN EUROPE</b>						
FRANCE.....	72	62	54	3,380	3,236	4,287
GREECE.....	51	52	---	4,124	4,579	---
ITALY.....	315	385	423	4,287	3,659	4,430
PORTUGAL.....	87	82	91	3,984	4,006	4,288
SPAIN.....	150	156	163	5,550	5,130	5,004
<b>TOTAL.....</b>	<b>675</b>	<b>737</b>	<b>783</b>	<b>4,420</b>	<b>4,038</b>	<b>3,78</b>
<b>EASTERN EUROPE</b>						
BULGARIA.....	33	35	---	2,779	2,457	42
HUNGARY.....	46	52	---	1,706	1,738	95
ITALY.....	46	62	---	2,655	2,134	36
PORTUGAL.....	14	12	15	3,653	4,042	55
YUGOSLAVIA.....	140	161	158	2,453	2,218	1,674
<b>TOTAL.....</b>	<b>814</b>	<b>898</b>	<b>941</b>	<b>4,087</b>	<b>3,712</b>	<b>4,215</b>
<b>TOTAL EUROPE:</b>						
U.S.S.R.....	530	771	806	2,388	2,774	2,667
<b>TOTAL.....</b>	<b>530</b>	<b>771</b>	<b>806</b>	<b>2,388</b>	<b>2,774</b>	<b>574</b>
						970
						975
						1,512
						1,769

## AFRICA:

CHAD.....	67	122	150	1,994	1,041	1,029	58	70
CONGO-KINSHASA.....	66	—	—	—	1,223	—	37	—
GAMBIA.....	89	113	—	—	931	1,268	38	65
GHANA.....	1,020	—	—	—	648	—	300	—
GUINEA.....	655	715	—	—	872	1,172	259	380
IVORY COAST.....	593	—	—	—	630	—	—	—
LIBERIA.....	1,944	1,946	—	—	1,513	1,586	—	—
MALAGASY REPUBLIC.....	453	410	—	—	825	807	—	—
MALI.....	10	18	—	25	4,497	5,512	4,850	55
MOROCCO.....	247	—	—	—	1,312	—	20	45
MOZAMBIQUE.....	518	480	—	500	1,587	1,727	1,706	147
NIGERIA.....	115	—	—	—	1,572	—	—	—
PORTUGUESE GUINEA.....	193	200	—	—	1,362	992	—	—
SENEGAL.....	796	750	—	—	1,059	1,205	—	—
SIERRA LEONE.....	208	—	—	—	1,098	—	—	—
TANZANIA.....	1,109	1,250	—	—	4,154	4,145	—	—
TAR-Egypt.....	86	—	—	—	882	—	—	—
UPPER VOLTA.....	8,291	8,471	8,560	8,536	1,640	1,679	5,776	6,302
TOTAL.....	—	—	—	—	—	—	34	6,518

## ASIA:

AFGHANISTAN.....	547	—	—	—	2,064	—	—	—
BURMA.....	12,281	12,402	12,684	1,393	1,426	1,451	7,762	8,023
CAMBODIA.....	5,754	5,820	—	965	947	—	2,519	2,500
CEYLON.....	1,527	1,657	—	—	1,426	1,786	—	—
CHINA, REP OF (TAIWAN).....	1,904	1,950	1,950	3,514	3,758	3,556	3,034	3,324
INDIA.....	88,699	91,343	91,427	1,303	1,441	1,519	52,432	59,701
INDONESIA.....	19,040	20,950	—	1,617	1,748	—	13,969	16,615
IRAN.....	548	593	618	3,487	3,718	3,731	867	1,000
IRAQ.....	698	—	—	1,219	—	—	386	—
JAPAN.....	8,057	8,105	8,090	4,447	4,913	4,787	16,251	18,061
KOREA REP OF.....	2,993	3,000	3,039	3,758	3,197	4,049	5,102	4,350
LAOS.....	1,546	—	—	1,018	—	—	714	—
MALAYSIA.....	902	1,214	—	—	2,229	2,141	—	—
NEPAL.....	2,740	2,814	—	—	1,731	1,818	—	—
PAKISTAN.....	26,401	27,915	28,562	1,482	1,586	1,642	17,044	20,267
PHILIPPINES.....	7,806	8,181	8,180	1,162	1,235	1,383	4,113	4,583
SABAH.....	90	—	—	1,945	—	—	79	—
SARAWAK.....	287	—	—	811	—	—	106	—
THAILAND.....	15,710	17,365	18,582	1,610	1,531	1,661	11,465	12,410
TURKEY (EUROPE-ASIA).....	131	111	142	3,016	3,436	3,152	179	173
VIETNAM SOUTH.....	5,913	5,881	6,108	1,649	1,839	4,872	4,400	5,094
TOTAL (Excl. Comm. Asia) <sup>1/</sup>	203,574	213,427	215,548	1,583	1,676	1,747	146,161	162,209
								170,790

## OCEANIA:

AUSTRALIA.....	67	84	97	5,995	6,693	6,387	182	255
TOTAL.....	67	84	97	5,995	6,693	6,387	182	255

TOTAL WORLD <sup>1/</sup> .....	229,427	241,944	243,915	1,610	1,701	1,763	167,512	186,620
	67	84	97	5,995	6,693	6,387	182	255

<sup>1/</sup> Crops harvested in the last half of the year shown are combined with crops harvested in the first half of the following year, i.e. August/July. <sup>2/</sup> Harvested area as far as possible. <sup>3/</sup> Preliminary. <sup>4/</sup> Excluding Communist Asia (China, North Korea and North Vietnam). <sup>5/</sup> It is estimated that these specified countries account for 99 percent of world production excluding Communist Asia.

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Grains & Feeds Circular  
FR-C (10018) FR 1-70

The outlook for South American crop, much of which will be harvested in the coming year, is for a slight decline from last year. Production is expected to be down slightly in Argentina and Colombia and up in Brazil and Peru.

Total African production again set a record as output was 3 percent above last year's previous high. Crops increased in the UAR, Senegal, and Morocco, with no significant declines in any of the African countries.

Australia continued to expand its rice production and is expected to record its ninth consecutive record harvest in 1969-70 as a result of a 15 percent increase in acreage.

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RICE  
FR 2-70  
August 1970

WORLD RICE PRODUCTION

CURRENT SERIAL RECORDS

GAINS 5 PERCENT IN 1969

World rice production in 1969-70, excluding Communist Asia, totaled 194 million metric tons, a 5 percent increase over the previous year. These estimates are based on the latest information available to the Foreign Agricultural Service. World yield gained 4 percent and area 1 percent.

The North American rice crop at 5.2 million tons was down 10 percent. Production in the United States was down 12 percent, due mainly to reduced planted area.

The South American production is estimated at 10 million tons, up 13 percent on improved yields. The Brazilian harvest estimate of 7.5 million tons was sharply improved because of good weather.

The European rice crop was higher, mainly because of a 35 percent gain in Italy. The Soviet Union harvested over a million tons, for an 11 percent increase.

The African rice production is estimated at 6.6 million tons on the basis of general gains in major producing areas.

The Asian crop, at 168.8 million tons, increased by 5 percent, as yield gained 4 percent. Production was up 3 percent in India, 4 percent in Indonesia and Burma, 6 percent in Pakistan and 20 percent in Thailand. The Japanese outturn was 3 percent lower, as yield declined.



## RICE ROUGH: AREA, YIELD, AND PRODUCTION IN SPECIFIED COUNTRIES, AVERAGE 1963-67, ANNUAL 1968 AND 1969 1/

REGION AND COUNTRY	AVE. 1963-67	AREA 2/		YIELD			PRODUCTION		
		1,000 ACRES	1,000 ACRES	1,000 ACRES	LBS/ACRE	LBS/ACRE	LBS/ACRE	1,000 MT	1,000 MT
<b>NORTH AMERICA:</b>									
COSTA RICA.....	139	106	111	1,177	1,394	1,490	74	67	75
CURA.....	231	---	---	1,527	---	---	160	---	---
DOMINICAN REPUBLIC.....	180	220	---	1,845	1,754	---	151	175	---
EL SALVADOR.....	45	67	27	1,989	2,435	2,695	41	74	33
GUATEMALA.....	28	35	35	1,465	1,512	1,575	19	24	25
HONOURAS.....	42	44	44	1,501	1,203	1,203	29	24	24
MEXICO.....	372	388	363	2,100	2,074	2,253	354	365	371
NICARAGUA.....	60	79	52	1,823	2,400	2,544	50	86	60
PANAMA.....	305	319	321	986	1,127	1,120	136	163	163
UNITED STATES.....	1,857	2,353	2,128	4,245	4,423	4,291	3,575	4,721	4,141
<b>TOTAL.....</b>	<b>3,260</b>	<b>3,831</b>	<b>3,557</b>	<b>3,103</b>	<b>3,354</b>	<b>3,246</b>	<b>4,588</b>	<b>5,829</b>	<b>5,237</b>
<b>SOUTH AMERICA:</b>									
ARGENTINA.....	149	217	247	3,323	3,505	3,481	225	345	390
BOLIVIA.....	82	208	208	1,715	615	657	64	58	62
BRAZIL.....	10,653	10,872	11,367	1,373	1,298	1,455	6,634	6,400	7,500
CHILE.....	77	40	62	2,474	2,039	2,382	86	37	67
COLOMBIA.....	807	633	593	1,750	2,438	2,528	640	700	680
ECUADOR.....	229	269	198	1,637	1,910	1,860	170	233	167
GUYANA.....	278	313	275	1,826	1,493	1,684	230	212	210
PARAGUAY.....	40	40	49	1,973	2,590	2,610	36	47	58
PERU.....	188	198	---	3,739	3,340	---	319	300	---
SURINAM.....	74	86	89	2,806	2,974	2,973	94	116	120
URUGUAY.....	66	84	91	2,806	3,517	3,464	84	134	143
VENEZUELA.....	241	284	309	1,738	1,902	1,934	190	245	271
<b>TOTAL.....</b>	<b>12,885</b>	<b>13,244</b>	<b>13,685</b>	<b>1,501</b>	<b>1,469</b>	<b>1,611</b>	<b>8,772</b>	<b>8,827</b>	<b>9,998</b>
<b>WESTERN EUROPE:</b>									
FRANCE.....	72	67	57	3,380	2,797	4,100	110	85	106
GERMANY.....	51	52	51	4,124	4,579	4,453	95	108	103
ITALY.....	315	385	418	4,288	3,659	4,536	613	639	860
PORTUGAL.....	87	82	91	3,984	4,006	4,240	157	149	175
SPAIN.....	150	156	163	5,550	5,130	5,464	378	363	404
<b>TOTAL.....</b>	<b>675</b>	<b>742</b>	<b>780</b>	<b>4,420</b>	<b>3,993</b>	<b>4,658</b>	<b>1,353</b>	<b>1,344</b>	<b>1,648</b>
<b>CENTRAL EUROPE:</b>									
BULGARIA.....	33	35	32	2,779	2,457	3,307	42	39	48
HUNGARY.....	46	52	52	1,706	1,738	2,035	36	41	48
ROMANIA.....	46	62	62	2,655	2,134	2,489	55	60	70
YUGOSLAVIA.....	14	12	17	3,653	3,307	4,020	23	18	31
<b>TOTAL.....</b>	<b>140</b>	<b>161</b>	<b>163</b>	<b>2,453</b>	<b>2,164</b>	<b>2,665</b>	<b>156</b>	<b>158</b>	<b>197</b>
<b>TOTAL EUROPE:.....</b>	<b>814</b>	<b>902</b>	<b>943</b>	<b>4,087</b>	<b>3,671</b>	<b>4,313</b>	<b>1,509</b>	<b>1,502</b>	<b>1,845</b>
<b>TOTAL U.S.S.R.....</b>	<b>530</b>	<b>771</b>	<b>815</b>	<b>2,389</b>	<b>2,774</b>	<b>2,922</b>	<b>574</b>	<b>970</b>	<b>1,080</b>
<b>AFRICA:</b>									
CHAD.....	67	80	---	1,994	2,480	---	61	90	90
CONGO-KINSHASA.....	122	150	150	1,041	1,029	1,029	58	70	70
GAMBIA.....	66	72	72	1,223	1,225	1,225	37	40	37
GHANA.....	33	115	126	648	1,242	1,242	300	346	368
GUINEA.....	1,020	1,000	---	648	763	763	259	380	365
IVORY COAST.....	655	715	715	872	1,172	1,125	169	100	---
LIBERIA.....	593	600	---	630	367	---	1,334	1,400	1,400
MALAGASY REPUBLIC.....	1,944	1,949	---	1,513	1,584	---	170	150	190
MALI.....	453	410	---	825	807	---	20	45	46
MOROCCO.....	10	18	22	4,497	5,512	4,610	147	150	160
MOSAMBIQUE.....	247	255	---	1,312	1,297	---	373	376	387
NIGERIA.....	51R	480	500	1,587	1,727	1,706	119	90	120
PORTUGUESE GUINEA.....	115	115	---	1,572	1,630	---	382	433	420
SENEGAL.....	193	200	---	1,362	992	---	104	120	---
SIERRA LEONE.....	796	790	790	1,059	1,208	1,172	34	35	35
TANZANIA.....	208	230	---	1,098	1,150	---	2,090	2,312	2,500
UAR-EGYPT.....	1,109	1,206	1,183	4,154	4,226	4,659	5,776	6,286	6,571
UPPER VOLTA.....	86	87	---	882	887	---	---	---	---
<b>TOTAL.....</b>	<b>8,291</b>	<b>8,470</b>	<b>8,487</b>	<b>1,536</b>	<b>1,636</b>	<b>1,707</b>	<b>5,776</b>	<b>6,286</b>	<b>6,571</b>
<b>ASIA:</b>									
AFGHANISTAN.....	547	---	---	2,064	---	---	512	---	---
IRAN.....	12,281	12,402	12,683	1,394	1,426	1,451	7,762	8,023	8,350
LAOS.....	5,754	5,820	965	947	947	2,519	2,500	1,342	1,350
MYANMAR.....	1,527	1,657	1,657	1,426	1,786	1,796	987	1,231	1,199
CHINA, REP OF (TAIWAN).....	1,904	1,952	1,945	3,514	3,753	3,626	3,034	3,323	3,199
INDIA.....	RR,699	91,343	91,427	1,303	1,441	1,484	52,432	59,701	61,560
INDONESIA.....	19,040	20,247	18,780	1,617	1,767	1,987	13,969	16,231	16,923
IRAN.....	54R	593	618	3,487	3,71R	3,731	867	1,000	1,046
IRAQ.....	693	---	---	1,219	---	---	386	---	---
JAPAN.....	8,057	8,105	8,090	4,447	4,913	4,770	16,251	18,061	17,505
KOREA, REP OF.....	2,993	3,000	3,039	3,758	3,197	4,049	5,102	4,350	5,582
LAOS.....	1,546	---	---	1,018	---	---	714	---	---
MALAYSIA.....	902	1,214	1,227	2,229	2,478	2,377	912		

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RICE  
FR 3-70  
September 1970

WORLD RICE EXPORTS

CURRENT SERIAL RECORDS

UP SLIGHTLY IN 1969

World rice exports at nearly 6.5 million tons in CY 1969 represented a slight increase of 39,000 tons over 1968. Both years were less than the 6.9 million tons exported in 1967.

U.S. exports have remained above the 1.8 million ton level for three consecutive years, while showing a minor increase. Thailand's exports dropped by 110,000 tons to 928,000 tons for CY 1969. Burma, having managed to increase exports sharply, reached an estimated 600,000 tons compared to 346,000 last year.

The UAR's shipments also showed a good gain, to an estimated 700,000 tons, 130,000 tons above a year ago. Finally, Japan was a major newcomer on the export side, moving from almost zero to 341,000 tons in 1969. Most of this was under food aid type arrangements as was about fifty percent of the U.S. movement.

Aside from the second largest exporter, Thailand, major export declines were noted for Mainland China (-250,000 tons), Cambodia (-137,000 tons) and Brazil (-82,000 tons). World exports changed very little from a year ago.

RICE (Milled Basis): World exports by country of origin,  
Calendar Years, 1967, 1968 and 1969 (Continued)

Country of origin	1967	1968	1969 <u>1/</u>
	<u>m. t.</u>	<u>m. t.</u>	<u>m. t.</u>
Asia:			
Aden .....	10	5	5
Burma .....	531	346	600
Cambodia .....	223	247	110
China, Mainland .....	1,190	1,025	775
Hong Kong .....	7	11	14
India .....	5	2	15
Iran .....	2	2/	2/
Japan .....	2/	2/	341
Korea, North .....	75	60	60
Korea, South .....	--	2/	--
Kuwait .....	6	5	5
Malaysia .....	10	2	1
Nepal .....	35	26	25
Pakistan .....	140	80	135
Philippines .....	--	37	4/
Singapore .....	46	73	48
Taiwan .....	116	68	35
Thailand .....	1,449	1,038	928
Turkey .....	2	2	--
Vietnam, North .....	3	2	20
Total .....	3,850	3,029	3,117
Africa:			
Angola .....	3	2	1
Ivory Coast .....	2/	2/	2/
Kenya .....	2/	2	1
Malagasy .....	40	69	52
Morocco .....	4	7	14
Mozambique .....	5	4	2/
South Africa .....	1	--	2
United Arab Republic .....	435	570	700
Total .....	488	654	770
Oceania:			
Australia .....	99	97	108
World total .....	6,908	6,453	6,492

1/ Preliminary. 2/ Less than 500 metric tons. 3/ Based on actual imports by recipient countries, intra-trade on calendar year basis, and official estimates by FAO, FAS and Commonwealth Secretariat.

4/ Only limited quantities for seed exported Asian countries.

RICE (Milled Basis): World exports by country of origin,  
Calendar Years, 1967, 1968 and 1969

Country of origin	1967	1968	1969 <u>1/</u>
North America:			
United States .....	1,000 <u>m. t.</u>	1,000 <u>m. t.</u>	1,000 <u>m. t.</u>
Central America:			
Costa Rica .....	1	1	4
El Salvador .....	14	23	11
Guatemala .....	2	2	2
Honduras .....	2/	2	2/
Nicaragua .....	2/	2	6
Panama .....	3	--	--
Total .....	20	30	23
South America:			
Argentina .....	19	41	74
Brazil .....	32	142	60
Colombia .....	4	2/	20
Ecuador .....	--	10	--
Guyana .....	102	96	74
Surinam .....	25	32	20
Uruguay .....	37	19	68
Venezuela .....	63	33	--
Total .....	282	373	316
Total Western Hemisphere .....	2,103	2,250	2,189
Europe:			
EC:			
Belgium-Luxembourg .....	5	13	14
France .....	39	68	17
Germany, West .....	21	23	18
Italy .....	156	186	179
Netherlands .....	17	20	22
Total .....	238	310	250
Greece .....	9	9	4
Spain .....	109	100	50
Switzerland .....	1	2/	2/
Total .....	357	419	304
Eastern Europe: <u>3/</u>			
Bulgaria .....	5	--	--
Czechoslovakia .....	2/	2/	2/
Hungary .....	2	2/	2/
USSR .....	4	4	4
Total .....	11	4	4
Total Europe .....	368	423	308

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